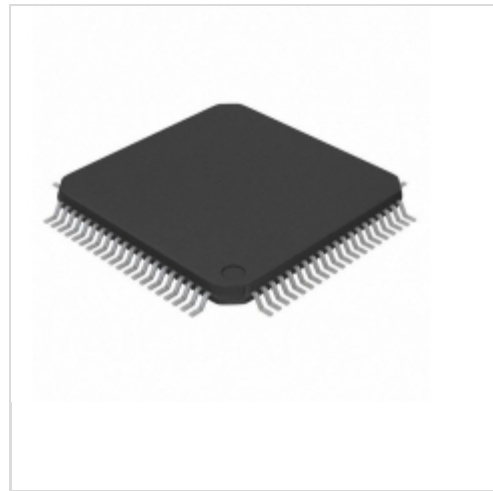


## STR911FM44X6



[STMicroelectronics](#)

IC MCU 32BIT 512KB FLASH 80LQFP

Lead free / RoHS Compliant

Integrated Circuits (ICs)

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### Shopping Process



### Specifications

<b>Voltage - Supply (Vcc/Vdd):</b>	1.65 V ~ 2 V
<b>Speed:</b>	96MHz
<b>Series:</b>	STR9
<b>RAM Size:</b>	96K x 8
<b>Program Memory Type:</b>	FLASH
<b>Program Memory Size:</b>	512KB (512K x 8)
<b>Peripherals:</b>	Brown-out Detect/Reset, DMA, Motor Control PWM, POR, PWM, WDT
<b>Packaging:</b>	Tray
<b>Package / Case:</b>	80-LQFP
<b>Oscillator Type:</b>	Internal
<b>Operating Temperature:</b>	-40°C ~ 85°C (TA)
<b>Number of I/O:</b>	40
<b>EEPROM Size:</b>	-
<b>Data Converters:</b>	A/D 8x10b
<b>Core Size:</b>	32-Bit
<b>Core Processor:</b>	ARM9@
<b>Connectivity:</b>	CAN, I <sup>2</sup> C, Microwire, SPI, SSP, UART/USART, USB

### Related products

<p><b>STR912-D/RAIS</b> BOARD DAUGHTER FOR STR7/9 <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR911FAW47X6</b> IC MCU 32BIT 2MB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR911FAW44X6</b> IC MCU 32BIT 512KB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR912FAW44X6</b> IC MCU 32BIT 512KB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR912FAW44X6T</b> IC MCU 32BIT 512KB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>
<p><b>STR912FAW42X6</b> IC MCU 32BIT 256KB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR911FM42X6</b> IC MCU 32BIT 256KB FLASH 80LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR911FAW44X6T</b> IC MCU 32BIT 512KB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR911FAW46X6</b> IC MCU 32BIT 1MB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>	<p><b>STR912FAW32X6</b> IC MCU 32BIT 256KB FLASH 128LQFP <a href="#">STMicroelectronics</a></p> <p><a href="#">RFQ</a></p>

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<p><b>MAX253CUA+T</b> IC DRVR TRANSFORMER 8-UMAX <a href="#">Maxim Integrated</a></p> <p><a href="#">RFQ</a></p>	<p><b>LTC2970CUFD#PBF</b> IC PWR SUPPLY CTRLR/MONITR 24QFN <a href="#">Linear Technology</a></p> <p><a href="#">RFQ</a></p>	<p><b>LT1460KCS3-10#TRMPBF</b> IC VREF SERIES 10V SOT23-3 <a href="#">Linear Technology</a></p> <p><a href="#">RFQ</a></p>	<p><b>LM53602AMPWPT</b> IC REG BUCK FIXED 2A 16HTSSOP <a href="#">Texas Instruments</a></p> <p><a href="#">RFQ</a></p>	<p><b>LM3671LC-1.6</b> IC REG BUCK 1.6V 0.6A SYNC 6USON <a href="#">Texas Instruments</a></p> <p><a href="#">RFQ</a></p>
<p><b>MC78M08ABDTG</b> IC REG LDO 8V 0.5A DPAK <a href="#">ON Semiconductor</a></p> <p><a href="#">RFQ</a></p>	<p><b>ADM7160AUJZ-1.8-R2</b> IC REG LDO 1.8V 0.2A 5-TSOT <a href="#">Analog Devices Inc.</a></p> <p><a href="#">RFQ</a></p>	<p><b>L78LR05D-MA-E</b> IC REG LDO 5V 0.5A S363 <a href="#">ON Semiconductor</a></p> <p><a href="#">RFQ</a></p>	<p><b>S-1315C33-M5T1U3</b> IC REG LINEAR 3.3V 0.2A SOT23-5 <a href="#">SII Semiconductor Corporation</a></p> <p><a href="#">RFQ</a></p>	<p><b>RT9183-18GL</b> IC REG LDO 1.8V 1.5A TO252 <a href="#">Richtek USA Inc.</a></p> <p><a href="#">RFQ</a></p>